

1985

1 STATE OF INDIANA )

) SS:

2 COUNTY OF MARION )

3

4 IN THE SUPERIOR COURT OF MARION COUNTY

5 YVONNE ROGERS, Individually )

and as Executrix of the Estate )

6 of Richard Rogers, Deceased, )

7 Plaintiffs, )

8 -vs- )

CAUSE NO.

) 49D02-9301-CT-0008

9 R. J. REYNOLDS TOBACCO CO., )

et al., )

10 )

Defendants. )

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REPORTER'S TRANSCRIPT OF PROCEEDINGS

15

BEFORE: HON. KENNETH H. JOHNSON, JUDGE

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VOLUME I

February 10, 1995

20

Morning Session

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1860 ONE AMERICAN SQUARE

23

INDIANAPOLIS, IN 46282

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1988

1 (WITNESS - ALAN SANDLER, M.D.)

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17 98 - Curriculum Vitae of Dr. Sandler. . . . . 2036

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1           (At 9:17 a.m., Friday, February 10, 1995,  
2       the trial proceedings reconvened, the Honorable  
3       Kenneth H. Johnson presiding.)

4           (Out of the presence of the jury.)

5           MR. SHEFFLER: Your Honor, we  
6       have one issue we would raise to the Court.

7           Last night after we got the Court's ruling  
8       on our objections to cumulative testimony of  
9       Dr. Sandler, we reviewed his testimony and his  
10      deposition to see what, indeed, this witness  
11      could talk about in this case, and it occurred  
12      to us there may be an issue that may be raised  
13      we have very strenuous objections to.

14          At the deposition of Dr. Sandler, as a  
15      footnote at the end of the deposition, he kind  
16      of volunteered that there was a curiosity that  
17      he observed in some of his patients when they  
18      came to him with cancer of the lung.

19          He said that many of these patients have  
20      quit immediately before coming to him, quit  
21      smoking. He didn't claim that he knew any  
22      justification, scientific reason for this. In  
23      fact, he denied that he could explain why this

1 occurred, and Mr. Klapper at the time  
2 vigorously objected to any question on this  
3 issue.

4 THE COURT: On the issue of what  
5 now?

6 MR. SHEFFLER: Of why people quit  
7 smoking --

8 THE COURT: Before they came to  
9 him?

10 MR. SHEFFLER: -- immediately  
11 upon the diagnosis of lung cancer and what have  
12 you. Dr. Sandler was trying to suggest many  
13 times people quit smoking because of a cancer  
14 that they suspected.

15 But we have specific objections to that  
16 testimony in this case. No. 1 --

17 MR. KLAPPER: We can shortcut  
18 that, your Honor, I'm not going to ask him  
19 about that.

20 MR. SHEFFLER: Thank you.

21 MR. HARDY: Your Honor, one other  
22 matter, I'm sorry to bother the Court with  
23 this, but I can't seem to reach an

1 accommodation with Mr. Klapper. I would  
2 prefer, I think all the defense counsel would  
3 prefer not to have to pull this podium out and  
4 ask Mrs. Rogers to move every time in front of  
5 the jury before we do cross-examination. I  
6 understand Mr. Klapper does not want the podium  
7 standing up here in front of him while he's  
8 conducting a direct.

9 I wonder if we could just lay it down  
10 below the table level here while the direct is  
11 going on so that we can stand it up and do a  
12 cross-examination without having to ask people  
13 to move in front of the jury.

14 MR. KLAPPER: I don't mind if  
15 it's laying down, out of the way, and nobody is  
16 tripping over it. I just don't want to be  
17 blocked or my client to be blocked while  
18 questioning.

19 THE COURT: There's no problem  
20 with that. Do you want to do that now?

21 MR. HARDY: Yes, please.

22 MR. SHEFFLER: Your Honor, just  
23 so I'm clear, there won't be any testimony from

1 Dr. Sandler, volunteered or otherwise, that  
2 from some reason Mr. Rogers suspected he had  
3 cancer or quit smoking because of his cancer.  
4 As I understand, the plaintiff's counsel is not  
5 going to ask for that and the witness is not  
6 going to volunteer that?

7 THE COURT: That's what  
8 Mr. Klapper --

9 MR. KLAPPER: I'm not going to  
10 ask him, I can say that. I can't tell you  
11 every word that's going to come out of the  
12 witness's mouth, but I do not plan to ask him  
13 about that again. Maybe on cross-examination  
14 if they trip and it comes out, that's their  
15 problem, but I'm not going to ask about it.

16 MR. SHEFFLER: Well, can we have  
17 the witness instructed that he is not to  
18 volunteer that information?

19 THE COURT: Show me the  
20 deposition. I didn't -- I just don't recall it  
21 from the end of the deposition.

22 MR. SHEFFLER: Your Honor, it  
23 goes on for a number of pages, your Honor.



1 THE COURT: Right here?

2 MR. SHEFFLER: Uh-huh.

3 MR. KLAPPER: What page did you  
4 turn to, sir?

5 THE COURT: Page 217, line 16.

6 MR. KLAPPER: Thank you.

7 THE COURT: What it seems the  
8 defendants are asking is essentially a motion  
9 in limine as to this witness about certain  
10 information.

11 Mr. Sheffler, are you able to express it  
12 if it were -- you're asking that the witness be  
13 admonished, counsel has already indicated he  
14 does not specifically intend to inquire. What  
15 you're saying as well, I don't want the witness  
16 to volunteer information on this topic, so I  
17 would interpret it as a verbal motion in limine  
18 requesting the witness be admonished not to  
19 volunteer information, and help me word it from  
20 there, would you?

21 MR. SHEFFLER: Your Honor, I  
22 would make a motion that the witness be  
23 instructed not to volunteer information with

1     respect to patients who have suspicion of  
2     cancer, lung cancer, and quit smoking as the  
3     result. That motivation for stopping smoking  
4     is a suspicion or a presence of cancer.

5             THE COURT: That is, the  
6     motivation to stop smoking is either the  
7     diagnosis or a suspicion that a patient may  
8     have cancer?

9             MR. SHEFFLER: Right.

10            THE COURT: Am I close? Okay.  
11     Well, I assume if you don't intend to ask about  
12     it, you have no objections that the witness  
13     doesn't testify about it.

14            MR. KLAPPER: No, I have none.

15            MR. SHEFFLER: Thank you, your  
16     Honor.

17            THE COURT: All we need to do is,  
18     I guess, inform Dr. Sandler. Would you ask  
19     Dr. Sandler to step in? As a matter of fact,  
20     would you have any objection if he's sitting at  
21     the witness stand when the jury comes in?

22            MR. KLAPPER: Not a bit.

23            THE COURT: Okay. Why don't you

1       come in and let him do that and you can hear me  
2       admonish him, so if I don't get it right, you  
3       correct me.

4               MR. KLAPPER: Thank you, your  
5       Honor.

6               THE COURT: These nights get  
7       shorter and shorter, don't they? Holy cow. I  
8       thought my alarm clock was lying to me. Surely  
9       not.

10       Off the record.

11       (Off the record discussion.)

12              MR. KLAPPER: This is Dr. Alan  
13       Sandler.

14              THE COURT: Dr. Sandler, would  
15       you come on over and take the witness stand?  
16       The purpose -- you can go ahead and sit down  
17       right now, yes, sir. The purpose of our  
18       bringing you in at this time is to -- is just  
19       to inform you that there has been a motion, we  
20       call it a motion in limine, but it's a motion  
21       to exclude certain evidence, and it's made  
22       outside the hearing of the jury so we can talk  
23       about issues of law.

1           There has been a request that you not  
2       volunteer any information about patients who  
3       have stopped smoking motivated by their  
4       suspicion that they may have lung cancer. It  
5       was a topic that was discussed late in your  
6       deposition, if you've had a chance to refer to  
7       your deposition testimony or review it prior to  
8       your testimony. Does that make sense to you?

9           THE WITNESS: Sure, I understand.

10          THE COURT: You understand what  
11       that is? Okay. Mr. Klapper has indicated to  
12       the Court and counsel that that was not a topic  
13       he intended to discuss with you today. But,  
14       obviously, it is a matter that we're requesting  
15       that you not volunteer as well. And it may or  
16       may not fit as an answer to other questions,  
17       but unless it's asked you directly or until  
18       there's been a relaxation, we've all agreed  
19       that you're not to volunteer testimony in that  
20       regard. Make sense?

21          THE WITNESS: Sure does.

22          THE COURT: Thank you. What  
23       we're going to do is the bailiff is going to

1997

1 bring the jury in in a moment and he'll have  
2 everyone rise and then I'll have the jury sit  
3 down and if you'll just remain standing, then  
4 I'll give you the oath right from there.  
5 You'll be seated, we'll go from there. Okay?  
6 Thank you, appreciate your cooperation.

7 Anything else we need to do before we  
8 bring the jury in?

9 Bring the jury in, please.

10 (The jury was escorted into the courtroom  
11 at 9:28 a.m.)

12 THE COURT: The jury may be  
13 seated. Well, good morning. Are you all okay?

14 Let me ask for the record, plaintiff, will  
15 you call your next witness, please?

16 MR. KLAPPER: Yes, sir, we call  
17 Dr. Alan Sandler.

18 ALAN SANDLER, M.D.,  
19 a witness called on behalf of the plaintiff,  
20 having been duly sworn to tell the truth, the  
21 whole truth and nothing but the truth relating  
22 to said matter, was examined and testified as  
23 follows:

1

2 THE COURT: Thank you. Please be

3 seated.

4 DIRECT EXAMINATION,

5 QUESTIONS BY MR. MORRIS L. KLAPPER:

6 Q Would you, please, state your name, sir.

7 A Alan Sandler.

8 Q Where do you live?

9 A At [DELETED]

10 Q Are you a married man?

11 A Yes.

12 Q What does your family consist of?

13 A A wife and two children.

14 Q What is your profession?

15 A Medical oncologist.

16 Q Is that a medical doctor?

17 A I'm a physician specializing in the treatment

18 of cancer patients.

19 Q Would you tell the jury what is meant by

20 medical oncology.

21 A Again, internal medicine with a specialty in

22 the treatment of cancer patients, specifically

23 using chemotherapy.

1 Q Where did you attend college as an  
2 undergraduate?

3 A Two years at Miami University in Oxford, Ohio,  
4 and then transferred to the University of  
5 Toledo where I obtained a bachelor's degree in  
6 pharmacy.

7 Q In pharmacy, sir?

8 A Yes.

9 Q What did you do after you graduated from  
10 school?

11 A I worked as a supervisor of the inpatient  
12 pharmacy service at the University of Chicago.  
13 For three years.

14 Q Were you in school at the same time?

15 A No.

16 Q What did you do next by way of education?

17 A I attended medical school at Rush Medical  
18 School in Chicago.

19 Q What were you taking? What course work or what  
20 degree were you seeking at that time?

21 A Medical degree.

22 Q Would you just chronicle your education from  
23 that point forward.

1 A Yes. After completing my studies at Rush,  
2 which would have been in 1987, I underwent --  
3 or was at Yale for an internal medicine  
4 residency and also attended Yale for my  
5 fellowship in medical oncology.

6 Q Would you describe what your residency  
7 consisted of or your internship and residency  
8 together?

9 A Right. The internship was the first year,  
10 residency was the year after. That was taking  
11 care of patients on an internal medicine  
12 service.

13 Q Does that include patients with cancer?

14 A Yes.

15 Q Did it include patients with lung cancer?

16 A Yes.

17 Q And the fellowship that you did, how many  
18 fellowships did you have?

19 A One fellowship for three years at Yale in  
20 medical oncology specifically. So that was the  
21 treatment of specifically cancer patients.

22 Q Over what years did that take place?

23 A I was at Yale for five years from '87 to '92,



1 June of '92.

2 Q Would you tell the jury what a fellowship is.

3 A A fellowship is for physicians upon completing  
4 a general, either medicine or surgery rotation,  
5 my case medicine, then a specialization in some  
6 more specific field in medicine, in my case  
7 oncology.

8 Q Over what period of time have you been taking  
9 care of cancer patients solely?

10 A Since the fellowship began, so it would be  
11 approaching six years now.

12 Q Would you tell the jury what the difference is  
13 between medical oncology as opposed to just  
14 simply oncology.

15 A I suppose oncology in the most broad sense  
16 would be the care of cancer patients. Cancer  
17 is an area that typically uses many  
18 specialties. Medical oncology, such as myself,  
19 would be using typically chemotherapy,  
20 radiation. Oncology involves radiation.  
21 Surgical oncologists would, of course, involve  
22 the use of surgery.

23 Q Do you teach the subject of oncology?

1 A Yes. Since leaving Yale, I've been at Indiana  
2 University where I'm on faculty and I have --  
3 I'm an assistant professor of medicine, so I  
4 teach medical students, house officers,  
5 interns, residents, as well as fellows.

6 Q Do you have any academic appointments?

7 A Yes. I am the assistant professor of medicine  
8 at Indiana University.

9 Q Do you direct any divisions?

10 A I am the medical director of the thoracic  
11 oncology program, which is the clinic where I  
12 see all lung cancer patients at Indiana  
13 University.

14 Q Would you tell the jury what thoracic oncology  
15 is.

16 A Thoracic oncology involves malignancies or  
17 cancers of the thorax, of the chest. The most  
18 common, of course, being lung cancer, but  
19 esophageal cancer of the food pipe would be  
20 another common one.

21 Q Do you have any special interest in any  
22 particular field involving lung cancer?

23 A Well, I have specifically written studies

1 involving the treatment of small cell lung  
2 cancer and have papers published on that, as  
3 well as papers involving general review of lung  
4 cancer involved with studies with nonsmall cell  
5 lung cancer as well.

6 Q Do you peer review articles?

7 A Yes.

8 Q Would you tell the jury what it means to peer  
9 review articles.

10 A In medicine, when a clinical trial or any,  
11 actually, type of research is conducted, either  
12 basic research in laboratories, or clinical  
13 research conducted on patients, the results are  
14 to be published and then submitted to various  
15 journals. These are then reviewed or refereed  
16 by two to three physicians in the field for  
17 their possible acceptance. And then, of  
18 course, once they're in the journal, then  
19 they're available for review by all other  
20 physicians who read the literature.

21 Q Are these articles submitted to you by other  
22 physicians for review?

23 A Yes.

1 Q What exactly do you decide?

2 A Whether or not it's acceptable to be published  
3 in that particular journal.

4 Q Do you make decisions as to whether or not  
5 these articles that are submitted to you  
6 contain sufficient information or sufficient  
7 background to be published?

8 MR. SHEFFLER: Objection, your  
9 Honor. I think we're getting a little  
10 repetitious here.

11 MR. KLAPPER: All right. Let me  
12 withdraw that, I'm sorry.

13 Q Have you, in fact, peer reviewed articles that  
14 have appeared in publications?

15 A Yes.

16 Q When did you receive your academic appointment  
17 at I.U.?

18 A Would have been in the summer of '92.

19 Q Are you still a teacher there?

20 A Yes.

21 Q At what hospitals do you have staff privileges?

22 A Indiana University, Wishard, the V.A., and also  
23 at Johnson Memorial Hospital in Franklin.

1 Q What work do you do at the Johnson Memorial  
2 Hospital?

3 A I see all oncology patients, so acting more as  
4 a general oncologist than just the specialty at  
5 I.U.

6 Q Would you describe on a day-to-day basis what  
7 your work is at the Indiana University Medical  
8 Center.

9 A I have three days of clinics. On Monday I see  
10 my general oncology patients, which also --  
11 basically the nonlung cancer patients. On  
12 Wednesday is the full day of the thoracic  
13 clinic where I see most of the lung cancer  
14 patients. And then on Thursdays I go to  
15 Johnson Memorial Hospital where I work as an  
16 oncologist and see patients at the Johnson  
17 Memorial Hospital.

18 The other days are confined -- are for  
19 office work, writing, reviewing the clinical --  
20 my clinical research, that type of thing.

21 Q Are you board certified in any specialty?

22 A Internal medicine.

23 Q When did you become board certified?

1 A I believe that was in '92.

2 Q Are you board eligible in any specialty?

3 A Medical oncology.

4 Q What does board eligible mean?

5 A Means that I have gone through all the  
6 requirements in terms of training and am  
7 eligible to sit for the boards. Those boards  
8 in oncology are offered every other year. And  
9 the first time I'd been available would have  
10 been one or two months after completion of  
11 fellowship, and for financial reasons have not  
12 taken the boards yet and will take them in the  
13 fall this year.

14 Q Does it cost money to take the boards?

15 A It certainly does.

16 Q What do they charge?

17 A It's a thousand dollars to take the boards. A  
18 review course would be another thousand.

19 Q The board certification exam will be coming up  
20 when?

21 A I think it's October.

22 Q Are you licensed to practice medicine in any  
23 other state besides Indiana?

1 A New York.

2 Q Do you belong to any professional societies?

3 A Yes, the American Society of Clinical

4 Oncologists, and I believe still the American

5 Medical Association, as well as the American

6 Association of Cancer Research.

7 Q Are you familiar with an organization called

8 the Hoosier Oncology Group?

9 A Yes.

10 Q Are you a member of that?

11 A Yes. That is more of a research group which

12 was developed at Indiana University. And is a

13 consortium of medical oncologists throughout

14 the state of Indiana as well as the adjacent

15 states for the conduction of clinical trials.

16 A collaborative effort, basically, with various

17 oncologists.

18 Q Would you describe what you mean by trials?

19 A A trial would be sort of -- experiment is

20 another way to put it. What you would do is,

21 in attempt to successfully treat cancer, ideas

22 are developed either related from the

23 laboratory, generated from the laboratory, or

1 prior experience in patients, and an idea is  
2 then generated. In order to prove or disprove  
3 that concept, it needs to be studied,  
4 essentially, in various ways. It is under a  
5 controlled setting that treatment option, for  
6 example, is given to patients to test the  
7 hypothesis whether or not that study -- that  
8 treatment regimen is effective or not.

9 Ultimately the major determination is  
10 compared to either no treatment or a different  
11 treatment in a randomized setting for hundreds  
12 of patients, typically, to prove or disprove  
13 its effect.

14 Q Have you been invited to teach or give lectures  
15 at other institutions besides Indiana  
16 University School of Medicine?

17 A Yes.

18 Q Where?

19 A There have been at the Mayo Clinic down in  
20 Jacksonville, Florida; hospitals in Terre  
21 Haute, within the Terre Haute, Vincennes. I  
22 will be going to Seattle in a couple of months.

23 Q What have you taught or lectured about at those



1 places?

2 A Lung cancer typically, esophageal cancer, and  
3 the more recent, there will be a couple on  
4 small cell lung cancer specifically.

5 Q What currently are your teaching assignments on  
6 the academic staff at Department of Medicine at  
7 I.U.?

8 A I develop and coordinate the house staff noon  
9 luncheon lecture series in hematology/  
10 oncology, so that other members of our  
11 department, including myself, give lectures to  
12 the house staff to update them on general  
13 oncology, principles.

14 There's also this coordinator for the  
15 second year course for medical students, again  
16 in hematology/oncology as well.

17 Q How much of your professional time do you  
18 devote to the diagnosis and treatment of cancer  
19 in the chest?

20 A That's probably 50 percent of my clinical time,  
21 if not more. Maybe up to 70 percent.

22 Q How much of your professional time do you  
23 devote to diagnosis and treatment of lung

1 cancer in particular?

2 A That would be over 80 percent of my clinical  
3 time in the thorax. About 80 percent to 90  
4 percent of all the patients that I see in the  
5 thoracic clinic are lung cancer related.

6 Q Have you been involved personally in any  
7 research in regard to the diagnosis or  
8 treatment of lung cancer?

9 A Yes.

10 Q Would you describe those activities.

11 A Right now we have a study that's ongoing that I  
12 have written for the treatment of patients with  
13 limited small cell lung cancer, that is lung  
14 cancer that's confined to one side of the  
15 chest. That paper was submitted and accepted  
16 by our major journal for treatment for patients  
17 with relapse small cell lung cancer, that is  
18 cancer that has come back after its initial  
19 treatment.

20 Another paper will be submitted shortly,  
21 which I'm an author on, for the treatment,  
22 again, of chemotherapy in extensive small cell,  
23 that is small cell that would have metastasized

1 elsewhere.

2 Q You also actively treat patients, do you not?

3 A Yes.

4 Q Do you supervise other physicians who treat

5 patients with lung cancer?

6 A Yes, principally the fellows. I also work with

7 other members of our thoracic clinic which

8 would be thoracic surgeons, pulmonologists,

9 lung doctors, gastroenterologists, and

10 radiation oncologists as well.

11 Q Have you published any articles in regard to

12 lung cancer that have been accepted in national

13 journals?

14 A Yes, those were the publications I had

15 mentioned talking about my clinical research in

16 small cell specifically.

17 Q Of the lung cancer patients who come to Indiana

18 University Medical Center for diagnosis or

19 treatment, what percent of them will you

20 personally be involved with?

21 A Probably over -- probably over 80 percent.

22 Q You personally?

23 A Yes, that's -- in our clinic we have what's

1 actually unique to the state of Indiana, our  
2 multidisciplinary clinic where all the  
3 disciplines I had mentioned earlier get  
4 together and we discuss all the patients the  
5 night, the evening before that the patients are  
6 seen on Wednesday. And so even a case that  
7 would be a lung cancer that's going to be  
8 operated on by a surgeon, I still will hear the  
9 case and will discuss if there's anything for  
10 medical oncology or other of the disciplines to  
11 look at.

12 So specifically that I will actually  
13 personally see the patient themselves in the  
14 clinic the following day, that would probably  
15 be on the order of 60 to 70 percent of those  
16 patients seen in the clinic.

17 Q In a given week, approximately what percentage  
18 of the patients you see with lung cancer have  
19 small cell lung cancer?

20 A Probably about 40 to 50 percent. Even though  
21 small cell lung cancer actually only makes up  
22 about one-fourth of all lung cancer cases,  
23 since it's so initially sensitive to

1 chemotherapy, I will see all those and will not  
2 necessarily see all the nonsmall cell lung  
3 cancer patients who may just go to surgery and  
4 then may not see them. So my practice is  
5 skewed a little bit toward small cell lung  
6 cancer.

7 Q Do you know whether the Indiana University  
8 Medical Center sees a higher percentage of  
9 small cell lung cancer patients than other  
10 university medical centers might see?

11 MR. McELVEEN: I object on the  
12 basis there has been no foundation laid for the  
13 doctor's testimony.

14 THE COURT: I agree. Sustain the  
15 objection.

16 MR. KLAPPER: I'll ask that  
17 again.

18 Q Can you state whether the Indiana University  
19 Medical Center sees more than usual or more  
20 than average number of small cell cancer  
21 patients compared to other places where you've  
22 been?

23 MR. SHEFFLER: Same objection,

1 your Honor.

2 MR. KLAPPER: He's got personal  
3 knowledge -- I'm sorry. Well, let me reask it.

4 Q Dr. Sandler, are you familiar with the volume  
5 or percentage basis of small cell lung cancer  
6 patients that are seen generally at other  
7 centers such as Indiana University Medical  
8 Center? That means university medical centers  
9 that you've been to or that you know about.

10 A Yes.

11 Q Is there any difference in the number of such  
12 patients that are seen percentage-wise at I.U.  
13 Medical Center than might be seen elsewhere?

14 A I think what I can best put that is Indiana  
15 University has a long history of developing  
16 treatment regimens for small cell lung cancer.  
17 Almost virtually all of the current treatment  
18 regimens that are used in small cell lung  
19 cancer at the current time have been developed  
20 over the years at Indiana University.

21 As a result, we get referrals from  
22 patients both from inside the state and outside  
23 the state, which may account for a slightly

1 different percentage of patients seen.

2 Q Dr. Sandler, do you have an opinion with a  
3 reasonable degree of medical certainty whether  
4 cigarette smoking causes lung cancer in human  
5 beings?

6 A Yes.

7 Q What is that opinion?

8 A It does.

9 Q What is your basis for that opinion?

10 A The basis would be that there is an increase, a  
11 documented increase risk of lung cancer in  
12 patients who smoke tobacco. It is both related  
13 to the dose and intensity, such that the more  
14 cigarette smoked or the depth at which it is  
15 inhaled, and for the length of time that it is  
16 smoked, correlates with an increased risk.

17 Additionally, when a patient discontinues  
18 their smoking, that risk declines. Although  
19 never to normal, it does decline over time.  
20 Sort of taking into account what's called  
21 Koch's Postulate, which was a gentleman, Robert  
22 Koch, who in microbiology circles documented  
23 that bacteria caused the disease, you remove

1 the bacteria and the disease goes away, similar  
2 to tobacco. So strong evidence that it does  
3 cause that.

4 Q Does the conclusion that cigarette smoking  
5 causes small cell lung cancer appear in medical  
6 treatises and medical journals that speak of  
7 the causes of lung cancer?

8 A The association with tobacco and small cell is  
9 probably stronger than any other form of lung  
10 cancer. There was a -- some of the authors in  
11 one of our textbooks called DeVita, one of our  
12 oncology textbooks, looked at a series of over  
13 500 patients with documented small cell lung  
14 cancer. And less than 2 percent of the  
15 patients there denied any use of tobacco.

16 Q So 98 percent were smokers then.

17 A Over 98 percent.

18 Q Do you know whether there is a consensus among  
19 doctors in the United States and the world  
20 whether or not smoking cigarettes can cause  
21 small cell lung cancer?

22 MR. SHEFFLER: Objection, your  
23 Honor. I don't believe there's a foundation



1       laid for this question.

2                   MR. KLAPPER: All right. We'll

3       withdraw it and ask it.

4   Q   In your background, your experience, and your

5       studies, have you become familiar with the

6       United States literature and world literature

7       in regard to small cell lung cancer?

8   A   Yes.

9   Q   Can you state whether there is a consensus

10      among doctors in the United States and in the

11      world and those, in particular, evidencing

12      their opinions in journal articles, treatises

13      as to whether or not smoking cigarettes can

14      cause cancer of the lung in human beings?

15   A   The sentence was long and I don't know if yes

16      or no is the right answer, but I --

17                   MR. SHEFFLER: I object, your

18      Honor.

19   A   But I know of --

20   Q   Answer it your own way.

21   A   Yes, I know of no practicing physician that

22      denies the association between tobacco and lung

23      cancer.

1 Q Do you know of any reliable, respected medical  
2 journal in the world in the last, we'll say, 20  
3 years that has concluded that there is no  
4 causation between smoking and small cell  
5 cancer?

6 MR. SHEFFLER: I object, your  
7 Honor. There has been no testimony this man  
8 has read all the reliable reports, data,  
9 medical journals in the world over the last 20  
10 years that dealt with the issue.

11 THE COURT: The question, I  
12 think, as to his knowledge, do you know. I  
13 think he's able to answer that. Overrule the  
14 objection. Doctor, you may answer, please.

15 A No, I don't.

16 Q Now, directing your attention particularly to  
17 the disease known as small cell lung cancer,  
18 would you please first tell the jury what it  
19 is.

20 A Lung cancer in general is divided into two  
21 groups: Small cell, nonsmall cell. Small cell  
22 lung cancer, the biggest difference between the  
23 two, is nonsmall cell is a surgical disease,

1 small cell is treated with chemotherapy. Small  
2 cell is the malignancy of what's called the  
3 neuroendocrine cells in the lung, a fancy term  
4 for -- these are not the cells that do the  
5 exchange oxygen in the lung. These are cells  
6 that put out various proteins and other signals  
7 in terms of function of the lung but actually  
8 do not do the exchange, but they're found  
9 within the bronchioles or the air tubes in the  
10 lungs.

11 Q Doctor, which type of lung cancer, in your  
12 opinion, most commonly causes -- is most  
13 commonly caused by smoking?

14 MR. SHEFFLER: Objection. I  
15 believe this was already asked and answered,  
16 your Honor.

17 MR. KLAPPER: I don't believe so.

18 THE COURT: Overrule the  
19 objection. You may answer, please.

20 A There's association with all of the lung  
21 cancers with smoking. Squamous cell and small  
22 cell have the highest association with tobacco,  
23 probably small cell over squamous.

1 Q Among the various types of lung cancer, about  
2 what percentage is small cell cancer of the  
3 lung?

4 A About 25 percent.

5 Q Dr. Sandler, among all the cases you have  
6 treated for small cell lung cancer, how many of  
7 your patients were cigarette smokers?

8 A All of them.

9 Q Would you define the word metastasis to us.

10 A Metastasis is a spread of a cancer from its  
11 original site to a more distant site, either  
12 via the lymphatic system to the lymph nodes, or  
13 bloodstream to other organs such as liver,  
14 bone, brain.

15 Q What kinds of things can be done by a physician  
16 to attempt to treat small cell cancer of the  
17 lung?

18 A It depends on the initial presentation of small  
19 cell. If it is initially presented outside of  
20 the lungs, as in extensive small cell, then the  
21 treatment is chemotherapy alone, with radiation  
22 reserved for what we call palliative symptoms,  
23 not an attempt to cure, but an attempt to ease

1 the pain perhaps of bony metastasis.

2 Limited disease, that which, again, is  
3 confined to the one side of the chest,  
4 currently the treatment is chemotherapy with  
5 the addition of chest radiotherapy.

6 Q What kinds of drugs have been used in the past  
7 ten years for the treatment of small cell  
8 carcinoma of the lung?

9 A For the past ten years, again, depending upon  
10 where its presentation, but Cytosan,  
11 Adriamycin, Vincristine, or CAV, is one  
12 commonly accepted regimen. More recently  
13 Cisplatin and etoposide, with or without a drug  
14 called I-Phosphomide, has come into play.

15 Q Have you seen small cell lung cancer on chest  
16 films?

17 A Yes.

18 Q How does the small cell lung cancer generally  
19 appear on a chest film?

20 A Oftentimes without a specific peripheral lung  
21 lesion, that is a abnormality -- without an  
22 abnormality of the chest in the lung field, per  
23 se, but often within a very central location to

1       either side of what we call the mediastinum,  
2       the middle of the chest where the major vessels  
3       and trachea is. It appears as an abnormal  
4       shadow, abnormal light area.

5   Q   Does there appear to be any connection between  
6       how much and/or how long a person smokes and  
7       the likelihood he will contract small cell lung  
8       cancer?

9   A   All I'm familiar with is the history of  
10      smoking. I would assume, as in any lung  
11      cancer, the longer one smokes, the higher the  
12      risk of lung cancer and small cell  
13      specifically.

14   Q   About what percentage, if you know, of small  
15      cell cancer originates outside of the lung?

16   A   That is approximately 3 percent.

17   Q   In the 97 percent of small cell cancers that  
18      develop, what tests or studies can be done in  
19      addition to x-rays to detect the presence of  
20      the cancer cells?

21   A   Well, definitively, one needs a diagnosis with  
22      tissue, so a bronchoscopy, one could either do  
23      sputum cytology, meaning the patient cough,

1 bringing up sputum, or what's more commonly  
2 done is bronchoscopy, putting a tube down into  
3 the airways and then taking a biopsy either  
4 with a needle or a small chunk of tissue from  
5 the suspected site.

6 Interestingly, with small cell lung  
7 cancer, unlike some of the other lung cancers,  
8 there often may not be an actual, what's called  
9 endobronchial tumor, or tumor, say, within the  
10 lumen or the hole of the airways because the  
11 small cell actually tends to grow up and grow  
12 outward. And often what is seen is an  
13 indentation, or redness, within the lumen, and  
14 then the pulmonologist who does the  
15 bronchoscopy will take biopsies of that site.

16 Q Did I ask you last year to review the case of  
17 Richard Rogers?

18 A Yes.

19 Q Did you do so?

20 A I did.

21 Q Did you review his medical records from  
22 Community Hospital?

23 A Yes.

1 Q Did you review the reports of the chest x-rays?

2 A Yes.

3 Q Did you review the report of the bronchoscopy

4 that was done?

5 A Yes.

6 Q Did you review the pathological examination

7 report by Dr. Powers, August 16, 1986?

8 A Yes.

9 Q Did you review the autopsy report concerning

10 Mr. Rogers that was prepared by Dr. Lloyd

11 Rothhouse?

12 A Yes.

13 Q Did you learn of Mr. Rogers' smoking history?

14 A Yes.

15 Q Were you provided with a chronology of his

16 smoking history from his early years until the

17 time he quit?

18 A Yes.

19 Q Speaking generally, what did you learn about

20 the smoking history of Mr. Rogers?

21 A He had an extensive smoking history that began

22 very early, I believe around the age of 6. And

23 what we like to do in oncology, and I imagine



1 pulmonary medicine does as well, is add up  
2 these, what we call pack-year histories.  
3 Where, for example, somebody smokes two packs  
4 of cigarettes for five years, you multiply,  
5 that's ten pack-years.

6 To the best of my calculations, Mr. Rogers  
7 was somewhere in the range of 90 to 100  
8 pack-years.

9 Q Doctor, I'm going to hand you first the  
10 bronchoscopy report you spoke of and then the  
11 pathologic exam by Dr. Powers and ask you if  
12 those are the two documents that you -- two of  
13 the documents that you did review.

14 A Yes. I've seen these documents before.

15 Q Do you have an opinion as to whether the  
16 information contained in those two documents is  
17 or is not consistent with the diagnosis of  
18 small cell cancer of the lung?

19 A It is quite consistent, if not absolute.

20 Q Do you have an opinion as to whether or not  
21 Richard Rogers had small cell cancer of the  
22 lung?

23 A I do have an opinion.

1 Q What is that opinion?

2 A He had small cell lung cancer that originated  
3 within the lung.

4 Q What do you base that opinion on?

5 A Both the bronchoscopy and the path report,  
6 specifically in the path report, under  
7 microscopic examination, this is the point at  
8 which the pathologist is reviewing the actual  
9 specimen under the microscope.

10 And what it states is fragments of the  
11 bronchial wall which contain an infiltrating  
12 small cell carcinoma. Infiltrating implies or  
13 defines that the small cell originated within  
14 there, spreading along the bronchial mucosa.  
15 As opposed to something that may have spread  
16 from some other site. This is sort of a  
17 classic, if you will, histologic presentation  
18 of a small cell lung cancer.

19 Additionally, it was also in adjacent  
20 lymph nodes, also seen quite commonly.

21 Q Would you describe the evidence in the  
22 bronchoscopy which leads you --

23 A Sure.

1 Q I'm sorry, go ahead.

2 A The scope was advanced into the right main stem  
3 bronchus which appeared to be normal, although  
4 there was some lateral indentation and edema  
5 along the wall.

6 Q Now, did that indicate anything in particular  
7 to you, the indentation and edema along the  
8 wall?

9 A As I mentioned earlier, again, the tumor, this  
10 probably relates to those other lymph nodes  
11 that were outside and pressing in upon the  
12 bronchial wall. The body's natural reaction to  
13 some sort of abnormal finding is to have  
14 inflammation and edema, swelling, and that's  
15 probably why they were seeing that.

16 There was only a very small opening in the  
17 right upper lobe bronchus with extrinsic  
18 compression and marked edema in the area. Same  
19 concept as before.

20 Again, with small cell, oftentimes all you  
21 will see within the small cell cancer within  
22 the bronchus, at least see from the  
23 bronchoscopist's perspective, is that sort of

1       erythema, redness, and swelling. You will not  
2       often see the actual mass protruding into the  
3       lumen. Often doesn't happen with small cell,  
4       just because of its histologic or origination.

5   Q   Dr. Sandler, do you have an opinion with a  
6       reasonable degree of medical certainty whether  
7       the small cell cancer of the lung that Richard  
8       Rogers had was related to long-term smoking?

9   A   I do.

10  Q   What is your opinion?

11  A   I believe it was.

12  Q   What do you base that opinion on?

13  A   The evidence that his smoking history and the  
14       smoking, the correlation between smoking and  
15       small cell, and that I personally have never  
16       seen a small cell lung cancer patient without a  
17       history of smoking and, more importantly,  
18       physicians with even more experience than  
19       myself feel the same.

20       It would almost, not quite, but almost  
21       would justify, if you saw more than a couple of  
22       patients, would almost justify reporting that  
23       in the literature as a case report just for

1 interest sake.

2 Q Was there treatment given to Richard Rogers for  
3 his lung cancer?

4 A Yes.

5 Q Can you tell us generally what was done for  
6 him?

7 A Yes. He received actually a regimen that also  
8 was devised originally at Indiana University.

9 It was, I believe, five or six cycles of  
10 Cytosan, Adriamycin, and Vincristine, so-called  
11 CAV regimen. Oncologists love to take  
12 abbreviations. And then this was followed by,  
13 I believe, two cycles of the Cisplatin and  
14 VP16, or etoposide.

15 Subsequently he achieved what was felt to  
16 be a complete remission, and that is to say  
17 radiographically his disease had disappeared.  
18 As such, at that time he received what would be  
19 considered consolidated radiotherapy, he  
20 received radiation therapy to the chest, to  
21 further eradicate any so-called microscopic  
22 disease that would not be visualized on a chest  
23 x-ray.

1           And then he received prophylactic cranial  
2   irradiation, and that is to say, one of the  
3   areas of relapse in small cell lung cancer is  
4   the CNS, the brain, the spinal column, and the  
5   spinal fluid. And the reason is there's an  
6   interesting entity called the blood-brain  
7   barrier, and that is something that has been  
8   around, obviously, since man has been around,  
9   and it certainly wasn't around to defend  
10   against chemotherapy, but what it was around  
11   for was to defend against poisons, of which,  
12   unfortunately, chemotherapy is one. But -- so  
13   chemotherapy doesn't penetrate into that very  
14   well, doesn't get into the brain very well, or  
15   the spinal fluid. And as such, that's a common  
16   site of relapse for small cell lung cancer, not  
17   dissimilar from acute lymphocytic leukemia in  
18   children.

19           So, prophylactically, sometime patients  
20   are given radiotherapy to the brain to  
21   eliminate any potential cells that were present  
22   there that the chemotherapy couldn't get at.

23   Q   Dr. Sandler, if you were doing a residency in

1 internal medicine beginning in 1987 -- is that

2 right?

3 A Middle of '87, I guess.

4 Q All right. Part of what you did was to treat

5 lung cancer patients at that time, too, I

6 imagine?

7 A More taking care of the complications at that

8 point.

9 Q You have had experience since then in treating

10 patients with chemotherapy yourself.

11 A Yes.

12 Q Do you consider the treatment that Dick Rogers

13 received for his lung cancer to be appropriate

14 as of 1987?

15 A Oh, absolutely.

16 Q As the disease progressed, where else did the

17 cancer become located in his body?

18 A He subsequently had symptoms of back pain and

19 was felt to have had cancer present in the

20 spine. Oftentimes that's manifested as bony

21 disease, although a bone scan was normal.

22 Ultimately it was felt that he had -- his small

23 cell had spread to the cerebrospinal fluid.

1           And if memory serves me, I think they had  
2           to presumptively treat him. They tapped him,  
3           but had a difficult time tapping him with --  
4           doing a lumbar puncture to get out the fluid,  
5           which is how the -- how it is actually -- the  
6           diagnosis is made, of course, with cells. But  
7           given the scenario that was present, it was  
8           felt to be quite consistent with that and he  
9           was treated for that.

10    Q   Are you aware that on autopsy the cancer in the  
11       lung was no longer there?

12    A   Yes.

13    Q   Do you have an opinion whether by the time he  
14       died, the treatment he had been given had  
15       removed most or all of the cancer from the  
16       lung?

17    A   It's likely that all the cancer was gone. It's  
18       also likely that there may have been some cells  
19       left behind. It would be pretty monumental for  
20       a pathologist to take an enormous specimen such  
21       as a lung and be expected to take  
22       ten-micrometer slices and determine if the  
23       entire lung was clear. But, certainly, to the



1 best of their ability, they felt it was --

2 there was no cancer seen.

3 Q Have you seen situations such as that before  
4 personally where the originating primary cancer  
5 of the lung is cured but the patient still dies  
6 because the cancer has gone to other parts of  
7 his body?

8 A Yes. That's actually the most -- I'm sorry,  
9 but that's actually the most common way that  
10 patients pass away from small cell lung cancer.

11 Q Does the fact that the lung cancer was gone by  
12 the time the autopsy was done in Mr. Rogers'  
13 case have any effect, in your opinion, that he  
14 did have small cell lung cancer caused by his  
15 smoking?

16 A No. He, in fact, still had it present in the  
17 cerebral spinal fluid, that they had found in  
18 the leptomeninges, the lining of the spinal  
19 cord, so the small cell was clearly there.

20 Q Do you have an opinion based upon reasonable  
21 medical certainty as to the cause of death of  
22 Richard Rogers?

23 A I do have an opinion, yes.

1 Q That's the way we're supposed to do it. Would  
2 you tell us what that opinion is?

3 A Yes. The exact cause of his death, of  
4 course -- I mean, this was sort of a spectrum  
5 of events as to how things went. Pathology  
6 specimen, or the pathology report is a little  
7 vague, and I don't even think that they  
8 specifically can tell you precisely the  
9 inciting event that caused his death.

10 But he developed lung cancer as a result  
11 of his smoking, he was given chemotherapy, he  
12 did well, but then relapsed shortly thereafter,  
13 and then received treatment for recurrent  
14 disease in the cerebrospinal fluid, died  
15 shortly thereafter. And was found at the time  
16 to have disease in the cerebrospinal fluid.

17 That may have been the cause of the death.  
18 The disease, that part is unclear. There could  
19 have been -- there was some question of septic  
20 or infectious complications that may have arose  
21 as well. But everything all was directly  
22 related to the treatment of lung cancer or the  
23 lung cancer itself.

1           It's also conceivable that the malignancy  
2   present within his cerebrospinal fluid and  
3   lining of the spinal cord and the brain may  
4   have resulted in his death as well. I don't  
5   know that anybody can tell you specifically.

6   Q   Do you have an opinion, but for his cigarette  
7   smoking, whether Dick Rogers would have  
8   contracted small cell lung cancer?

9   A   I do not believe he would have.

10   Q   Do you have an opinion, but for his lung  
11   cancer, whether Dick Rogers would have died on  
12   October 2, 1967?

13   A   I don't believe he would have.

14   Q   I'm sorry, 1987. Same answer?

15   A   Right.

16   Q   Do you consider the works "Cecil's Textbook on  
17   Medicine" -- I want to name three of them for  
18   you -- "Harrison's Principles of Internal  
19   Medicine" and "DeVita's Principles and Practice  
20   of Oncology" to be reliable and authoritative  
21   works?

22   A   Yes.

23   Q   Do you and physicians like yourself refer to

1       those treatises in your work?

2   A   Yes.

3               MR. KLAPPER: Thank you very  
4   much. I'm sorry, your Honor, I need to offer  
5   his CV.

6               THE COURT: Okay, thank you. Go  
7   ahead and do that and then I want to take a  
8   break so our computer people can --

9               MR. KLAPPER: Your Honor, we'll  
10   offer Exhibit 98, which is the curriculum vitae  
11   of Dr. Alan Sandler.

12              THE COURT: Any objection to 98,  
13   CV of Dr. Sandler?

14              MR. HARDY: No objection.

15              THE COURT: Thank you, Mr. Hardy.  
16   Any objection to 98?

17              MR. SHEFFLER: No objection, your  
18   Honor.

19              MR. McELVEEN: No, sir.

20              THE COURT: We'll show 98  
21   admitted into evidence. You may distribute it  
22   to the jury, please.

23              Okay, let's take -- I was told by our

1 court reporters if we can take a break about an  
2 hour or so and so they can begin processing the  
3 morning business, it is a help to them and to  
4 keep matters moving and also a help then to us.

5 We'll take a brief recess. With that, the  
6 jury may rise. You may retire, we'll be in  
7 recess momentarily.

8 (The trial recessed at 10:11 a.m., to  
9 reconvene at 10:33 a.m.)

10 MR. SHEFFLER: Judge, we have a  
11 brief motion before the jury comes back.

12 THE COURT: Okay. I'll ask the  
13 court reporter to put us on the record, please.

14 Yes, Mr. Sheffler.

15 MR. SHEFFLER: Your Honor, this  
16 is no reflection on Dr. Sandler, he's a fine  
17 man, I'm sure, but we believe that his  
18 testimony is completely and utterly cumulative  
19 of what we've already heard in the case.

20 We were told yesterday that Dr. Sandler  
21 was going to add something new. Dr. Sandler  
22 has testified about oncology, medical oncology.  
23 Dr. Gunale has testified to the exact same

1 facts. Dr. Sandler has testified about the  
2 bronchoscopy report, the pathology report.  
3 Dr. Gunale testified to the exact same facts  
4 about the pathology, same pathology report.

5 Dr. Sandler has offered some views about  
6 smoking and lung cancer. Those views were  
7 stated previously by Dr. Jay, by Dr. Burns, and  
8 were also stated by Dr. Gunale.

9 There's nothing that this witness has  
10 added to the evidence in this case. It's  
11 completely cumulative, and we believe,  
12 therefore, it's improper, and we request the  
13 Court to strike the testimony.

14 THE COURT: Motion to strike  
15 overruled.

16 Bring the jury in, please.

17 (The jury was escorted into the courtroom  
18 at 10:35 a.m.)

19 THE COURT: Jury may be seated.  
20 Okay, we're ready now for cross-examination.  
21 Mr. Sheffler.

22 MR. SHEFFLER: Thank you, your  
23 Honor.

1 CROSS-EXAMINATION,

2 QUESTIONS BY MR. BRUCE G. SHEFFLER:

3 Q Dr. Sandler, we've met before. Let me

4 reintroduce myself. My name is Bruce Sheffler.

5 I have a few questions about your testimony.

6 Doctor, obviously you never met

7 Mr. Rogers, did you?

8 A No.

9 Q In fact, you were not licensed to practice

10 medicine yet when Mr. Rogers was being treated

11 for lung cancer; isn't that correct?

12 A Correct.

13 Q In fact, you weren't licensed to practice

14 medicine until three years after Mr. Rogers

15 passed away; isn't that true?

16 A Correct.

17 Q Doctor, you've told us that you were an

18 assistant professor at I.U.; am I correct?

19 A Correct.

20 Q Does I.U. also have a level of professorship

21 called associate professor?

22 A Yes.

23 Q Is that a step up from assistant professor?

- 1 A Yes, there's assistant, associate, to full  
2 professor.
- 3 Q So there's like three rungs on the ladder, so  
4 to speak, and you're at the bottom rung there?
- 5 A Yes.
- 6 Q You're moving your way up, I'm sure.
- 7 A Hopefully.
- 8 Q Doctor, you mentioned that you were a member of  
9 some medical associations as well, but I think  
10 you told us you were a member of the American  
11 Association for Cancer Research; do you recall  
12 that?
- 13 A Yes.
- 14 Q To become a member of that organization,  
15 Doctor, do you have to pass any kind of test?
- 16 A No.
- 17 Q You just kind of pay your dues and you're in?
- 18 A You have to be involved with research related  
19 to cancer.
- 20 Q Okay. You're involved with some research  
21 related to cancer, aren't you?
- 22 A Yes.
- 23 Q That research really is on chemotherapeutic



- 1 agents; right?
- 2 A Yes.
- 3 Q I mean, your research is devoted to how you can
- 4 devise drugs to treat cancers.
- 5 A Correct.
- 6 Q You give lectures on that research that you do.
- 7 A True.
- 8 Q I think you told us that you published some
- 9 articles on that research as well.
- 10 A That's correct.
- 11 Q And the research that you do some peer reviews
- 12 for is again on therapeutic agents, agents that
- 13 are used to treat cancers.
- 14 A Yes.
- 15 Q But you don't do any research on carcinogenesis
- 16 or the process by which cancer is developed, do
- 17 you?
- 18 A I do not.
- 19 Q You don't do any research on the etiology, the
- 20 causation of cancer, do you?
- 21 A Do not.
- 22 Q You have never published any articles on the
- 23 cause of lung cancer, have you?

1 A No.

2 Q You don't do any peer review for articles on  
3 the cause of lung cancer or carcinogens, do  
4 you?

5 A Do not.

6 Q As I understand it, you were retained basically  
7 by plaintiff's counsel to review medical  
8 records and some materials they gave you to  
9 come to an opinion about this case; is that  
10 right?

11 A Yes.

12 Q It's your understanding, Doctor, generally  
13 speaking, that lung cancer is a multifactorial  
14 disease, isn't it?

15 A Yes.

16 Q By that it means that there is more than one  
17 factor that can be a cause of lung cancer;  
18 isn't that true?

19 A Yes, but not to the same degree. There are  
20 many factors associated. There are some much  
21 more established than others, smoking being  
22 one.

23 Q I think you told us -- strike that.

1 Doctor, isn't it your view that there are  
2 over 400 potential causes of lung cancer?

3 A There are a lot of potential. I can't be held  
4 to 400, but there's a lot.

5 Q There's a lot of potential causes of lung  
6 cancer, though, aren't there?

7 A Yes.

8 Q And nonsmokers can and do get lung cancer,  
9 can't they, Doctor?

10 A 10 percent of all lung cancers in America are  
11 in nonsmokers.

12 Q Well, about 17 to 18,000 nonsmokers get lung  
13 cancer every year, don't they?

14 A About 160,000 are smokers.

15 Q Well, Doctor, isn't it true that nonsmokers  
16 with no exposure to known risk factors like  
17 asbestos or smoking or other known risk factors  
18 do get lung cancer; isn't that true?

19 A Not small cell, but they do get -- they  
20 typically get adenocarcinoma of the lung.

21 Q Doctor, the figures that relate lung cancer to  
22 various risk factors are primarily epidemiology  
23 studies, aren't they?

1 A Yes.

2 Q Epidemiology studies are those studies that

3 correlate risk with disease and populations;

4 right?

5 A Yes.

6 Q Now, I know you're not an epidemiologist, are

7 you, Doctor?

8 A I am not.

9 Q In fact, that's not one of your areas of

10 specialization, is it?

11 A No.

12 Q You've never read an epidemiology study about

13 smoking and lung cancer, have you?

14 A No.

15 Q In fact, Doctor, isn't it true that these

16 studies have been published in the literature

17 and there have been peer reviews of these

18 studies and proponents and opponents about the

19 validity of these studies have been published

20 in the literature; isn't that true?

21 A I've read the summary of the reports, not the

22 exact reports.

23 Q You haven't read the exact reports by the

1       opponents and proponents of the epidemiology  
2       studies, you've read reviews of the reviews; is  
3       that correct?

4   A   Correct.

5   Q   But you're aware, aren't you, Doctor, that  
6       there have been various different associations  
7       published about smoking and lung cancer.

8   A   Yes.

9   Q   Sometimes these are stated in terms of relative  
10      risks, are they not?

11   A   Yes.

12   Q   What that means is that some of these studies  
13      show certain percentage of cancers in  
14      nonsmokers, other studies show a different  
15      percentage of cancer in nonsmokers; isn't that  
16      true?

17   A   Yes.

18   Q   Although you haven't reviewed the studies  
19      themselves, you know that there are  
20      epidemiologists who have done these studies  
21      that have showed different percentages of lung  
22      cancer in nonsmokers; isn't that true?

23   A   Yes.

1 Q And you know that Dr. Alvin Feinstein is an  
2 epidemiologist of some note, is he not?

3 A He was present where I trained in internal  
4 medicine at Yale, so I do know him.

5 Q He was in the epidemiology department there,  
6 wasn't he?

7 A Section of internal medicine.

8 Q He is a biostatistician and epidemiologist at  
9 Yale University, is he not?

10 A He is.

11 Q And someone who you hold as somebody who is  
12 knowledgeable and reputable in the field, isn't  
13 he?

14 A Certainly.

15 Q Dr. Feinstein wrote an article with a  
16 Dr. Raymond Yesner -- by the way, Raymond  
17 Yesner is also at Yale, isn't he?

18 A I think he is. I don't know if he is  
19 currently.

20 Q In this study he concluded that the prevalence  
21 of small cell carcinoma was 10 percent in  
22 noncigarette smokers? Would you disagree with  
23 that representation by Dr. Feinstein, that

1 finding?

2 A I doubt he was lying on his findings, if that's  
3 what you mean. I mean, if you're telling me  
4 that, I can't see it from here.

5 MR. SHEFFLER: Exhibit 95,  
6 Counsel.

7 Q Do you see where it says "Small cell  
8 undifferentiated cancer was the only subtype to  
9 show a great progression in change in relation  
10 to the amount of cigarette smoking"?

11 A Yes.

12 Q It goes on to say, "The prevalence of this  
13 cellular type increased monotonically from 10  
14 percent in the noncigarette smokers to 29  
15 percent in the heavy cigarette smokers"; see  
16 that?

17 A I do.

18 Q So at least Dr. Feinstein and Dr. Yesner from  
19 Yale, in their reappraisal of the  
20 histopathology of lung cancer, found that 10  
21 percent of small cell carcinoma of the lung  
22 occurs in noncigarette smokers.

23 A Yeah. Before I state it anything more, A, I

1 haven't read this entire article; B, this is  
2 from 1973, and I would suspect that -- well, I  
3 know that all the data that I've reported to  
4 you was more recent than that. So it is  
5 conceivable that either the pathologic  
6 interpretation, or what have you, that -- I  
7 would bank on data from 1990 a little bit more  
8 than 1973, but --

9 Q Okay. Doctor, what was the study, the  
10 epidemiology study that you're banking on? Or  
11 was there more than one?

12 A No, what I'm referring to is their incidence of  
13 smokers with small cell and what I reported,  
14 the 500 patients with less than 2 percent  
15 claiming were nonsmokers.

16 Q That was one study, wasn't it?

17 A As is this.

18 Q So now we have two studies. One has 10  
19 percent; the other has, I think you said 2  
20 percent.

21 A In DeVita, in the chapter under lung cancer,  
22 there's more than one study that claims to  
23 relate that the rate of small cell in smokers



1 is significantly higher than this.

2 Q Have you reviewed those studies, Doctor?

3 A I reviewed the results, yes.

4 Q Did you review the studies, Doctor?

5 A As much as this one.

6 Q Did you review the studies, Doctor? Did you

7 read the studies?

8 A As much as I --

9 MR. KLAPPER: Your Honor, I'm

10 going to object, that's been asked and answered

11 about three times.

12 THE COURT: I agree. Sustain the

13 objection. Next question.

14 Q Doctor, you don't hold yourself out as a

15 toxicologist, do you?

16 A No.

17 Q But you know what toxicology is.

18 A I do.

19 Q Toxicology is the study through animal studies

20 of disease processes, isn't it?

21 A Yes. Can be in humans as well.

22 Q But toxicology uses animal models to study

23 disease; isn't that true?

1 A Yes.

2 Q Now, I know, Doctor, as a clinical oncologist

3 you have had some training in the field of

4 toxicology, haven't you?

5 A I'm familiar with it.

6 Q You haven't read any toxicology research with

7 respect to smoking and lung cancer, have you?

8 A No.

9 Q But one of the things that you have reviewed in

10 preparation for your testimony today was some

11 materials given to you by Mr. Klapper; isn't

12 that true?

13 A Could you be specific?

14 Q Well, didn't Mr. Klapper give you a copy of the

15 1982 Surgeon General's Report?

16 A Yes.

17 Q This was in preparation for your testimony here

18 today, wasn't it?

19 A Yes.

20 Q You had never read a Surgeon General's Report

21 on smoking and health before that, had you?

22 A No.

23 Q It's not something that you do, read Surgeon

1 General's Reports on smoking and health to  
2 treat patients with — for oncology problems,  
3 is it?

4 A Not necessarily, no.

5 Q So, the first time you ever read a Surgeon  
6 General's Report with respect to smoking and  
7 health was sometime after you got involved in  
8 this case and Mr. Klapper gave you one; right?

9 A Yes.

10 Q And the report that he gave you was the 1982  
11 report; correct?

12 A I believe so.

13 Q You reviewed that report, didn't you, Doctor?

14 A I flipped through it. I did not read it cover  
15 to cover.

16 Q Well, in your flipping through, Doctor, did you  
17 come across the statement in the 1982 report at  
18 page 218 that says: "Attempts to induce  
19 significant numbers of bronchogenic carcinoma  
20 in laboratory animals were negative in spite of  
21 major efforts with several species and  
22 strains." Did you see that?

23 A It's hard to get an animal to take a full drag

1 on a cigarette.

2 Q Is that how they did it, Doctor?

3 A They forced -- my recollection is that they

4 forced smoke into the animals, which is not

5 quite the same as someone's passively smoking a

6 cigarette.

7 Q It's not quite the same, but they forced the

8 smoke into the animals at high enough

9 quantities for the researchers to draw the

10 conclusion that the test results were negative.

11 Isn't that true?

12 A Yes, they attempted to do that, that's correct.

13 Q They did the best they could, didn't they,

14 Doctor?

15 A Yes.

16 Q Doctor, you know what the study of

17 carcinogenesis is, don't you?

18 A Yes.

19 Q That's the study of cancer causation, isn't it?

20 A It is.

21 Q A lot of present research is undertaken now in

22 carcinogenesis, isn't it?

23 A Yes.

1 Q Studies are being done by molecular biologists,  
2 isn't it?

3 A Yes.

4 Q And it is also being done by cellular  
5 biologists.

6 A Yes.

7 Q Part of what the scientists are doing today is  
8 trying to discover why it is cell, a normal  
9 cell becomes transformed into a cancerous cell;  
10 isn't that true?

11 A Yes.

12 Q Isn't some of the thinking and theories of  
13 today that there may be genetic involvement in  
14 transforming a cell from a normal cell to a  
15 neoplastic cell?

16 A Yes.

17 Q That means there may be some kind of genes,  
18 certain genes in the cell that become  
19 transformed some way that's yet unexplained, to  
20 become a mutation, at least, of cancer; isn't  
21 that true?

22 A The change would be a mutation.

23 Q But the way that change occurs has not been

- 1 elucidated for small cell carcinoma, has it?
- 2 We don't know how the genetic changes occur in
- 3 the small cell carcinoma, do we?
- 4 A No.
- 5 Q There's been some suspicions, haven't there?
- 6 Some genes have been suspected as being
- 7 involved, haven't they?
- 8 A Yes.
- 9 Q One of the genes suspected of being involved is
- 10 the retinoblastoma gene, isn't it?
- 11 A Yes.
- 12 Q Doctor, the retinoblastoma gene is also
- 13 suspected of being the cause of cancer in the
- 14 eye, isn't it?
- 15 A Retinoblastoma, that's how it got its name.
- 16 Q And that's a cancer, isn't it?
- 17 A Yes, it is.
- 18 Q And the same gene is thought to be involved,
- 19 perhaps, in the development of the small cell
- 20 carcinoma of the lung; isn't that true?
- 21 A It's uncertain if its development. What is
- 22 known currently is that it may be involved with
- 23 the resistance, the subsequent development of

1 resistance to the chemotherapy. Whether or not  
2 it is the inciting event of the cancer, I don't  
3 believe is felt to be the case as of now.

4 Q We don't know, do we, Doctor?

5 MR. KLAPPER: Objection. He  
6 answered the question, your Honor.

7 Q Do we know whether the retinoblastoma gene --

8 MR. KLAPPER: Would you please  
9 wait until the Judge rules.

10 MR. SHEFFLER: I withdrew the  
11 question.

12 THE COURT: Yes, you may answer.  
13 Continue.

14 Q Do we know whether the retinoblastoma gene is  
15 involved in the development of cancer in small  
16 cell carcinoma?

17 A No.

18 Q We don't know whether other genes may be  
19 involved in small cell carcinoma, do we?

20 A Correct.

21 Q Research is ongoing in that very area today;  
22 isn't that true?

23 A Yes.

1 Q To your knowledge, Doctor, has any of the  
2 suspected genetic events that causes the cell  
3 to transform into a neoplastic cell, has any of  
4 those events been directly linked to any  
5 constituent in cigarette smoke?

6 A What's known is a number of the carcinogens are  
7 present in tobacco. The precise inciting event  
8 is not known.

9 Q Well, is the answer to my question, Doctor,  
10 that none of the suspected genetic events in  
11 carcinogenesis of small cell carcinoma of the  
12 lung have been directly linked to cigarette  
13 smoke; that's a true statement, isn't it?

14 A Yes.

15 Q You mentioned, Doctor, that the view of you and  
16 others is that the neuroendocrine cell may be  
17 the cell that is the cell of genesis for a  
18 small cell carcinoma; do you recall that  
19 testimony?

20 A I do.

21 Q And the neuroendocrine cell, Doctor, is formed  
22 in the fetus in the development of the neural  
23 crest, isn't it?



1 A Yes.

2 Q Those cells are disbursed throughout the body,

3 are they not?

4 A They are.

5 Q So neuroendocrine cells are found in many other

6 organs than the lung, aren't they?

7 A Yes.

8 Q Doctor, getting to your specialty of clinical

9 oncology, is it an accurate statement that the

10 small cell carcinoma is one of the variety of

11 different types of cancer that may arise in the

12 lung?

13 A Yes.

14 Q Is it the most aggressive and rapidly growing

15 of the various types of lung cancer?

16 A It's generally considered so, yes.

17 Q Would you agree, Doctor, that from the time of

18 the first transformed cancer cell to diagnosis

19 of small cell carcinoma is generally one and a

20 half to three years? Generally 18 months to 36

21 months?

22 A From the time of the first cell?

23 Q To the diagnosis. The presentation.

- 1 A That would appear reasonable.
- 2 Q Okay. Mr. Rogers was diagnosed sometime in
- 3 1986; is that correct?
- 4 A Yes.
- 5 Q So would it be reasonable to assume that the
- 6 first cancer cell was present in Mr. Rogers
- 7 sometime in 1983 or 1984?
- 8 A Yes.
- 9 Q Doctor, are you familiar with the theory that
- 10 there are certain morphologic changes that
- 11 occur in lung cells of smokers that progress to
- 12 smoking related cancer? Are you familiar with
- 13 that theory?
- 14 A Field cancerization, I believe it's called,
- 15 yes.
- 16 Q Morphologic means what, Doctor?
- 17 A Well, it's the actual appearance, the
- 18 phenotype, what something looks like, whether
- 19 it be grossly or under a microscope.
- 20 Q Now, the theory that smoke causes cells in the
- 21 airways to change in appearance, change in
- 22 morphology over time until a cancer is
- 23 developed, you're familiar with that theory;

1 right?

2 A Yes.

3 Q And these changes occur at the microscopic  
4 level; isn't that true?

5 A Yes.

6 Q And the first change is that it's believed, in  
7 this progression of smoking related cancers,  
8 that the cells, the columnar cells in the  
9 epithelium are changed in shape and size;  
10 right?

11 A Yes.

12 Q Now, the columnar cells are those kind of  
13 cuboidal cells with the cilia on top; correct?

14 A Yes.

15 Q And it's thought that as the smoke changes  
16 these cells, they become flattened; right?

17 A Yes.

18 Q And they become what appears to be squamous  
19 type cells; right?

20 A Yes.

21 Q These are flattened cells instead of the tall  
22 cells with the cilia; correct?

23 A Correct.

1 Q And the cilia is denuded, it's gone.

2 A Right.

3 Q And then as the changes occur further, it is

4 believed that these cells become dysplastic;

5 right?

6 A Correct.

7 Q The first stage is called metaplasia, that's

8 where they're flattened down, and the second

9 stage is called dysplasia; right?

10 A Right.

11 Q The nucleus of the cells becomes more

12 irregular; right?

13 A The cells change to become a more protected

14 cell, to protect themselves from the irritant

15 smoke.

16 Q It is believed that if the progression

17 continues, and smoking continues, the theory

18 goes, that this will result in a

19 smoking-related cancer.

20 A Right. At least as specific for a squamous

21 cell carcinoma.

22 Q Well, it is believed that theory is how lung

23 cancers in smokers develops.

- 1 A Squamous cell carcinoma, yes. That also  
2 applies to the head and neck, as well, and  
3 esophageal.
- 4 Q Doctor, this change in appearance has to be  
5 observed under the microscope; right?
- 6 A Usually by the time that there is dysplastic  
7 changes, you could see this if you were looking  
8 in a bronchoscope.
- 9 Q Okay. Doctor, if these changes -- if the  
10 smoker quit smoking, the changes we were  
11 talking about, the metaplastic changes, and  
12 most of the dysplastic changes, they're  
13 reversible, are they not?
- 14 A Certainly metaplasia; the dysplastic can change  
15 as well, yes.
- 16 Q That's because these changes are called  
17 precancerous changes, aren't they?
- 18 A Correct.
- 19 Q Doctor, isn't it true that if a smoker quits  
20 smoking after eight or ten years, his risk of  
21 lung cancer is about that of a nonsmoker?
- 22 A Yes. It's still 50 percent higher.
- 23 Q Doctor, you were -- you quit smoking at age 31

1 or 32; isn't that true?

2 A 31.

3 Q Okay. So by age 39 or 42, your risk for lung

4 cancer as a result of smoking will be about

5 that of someone who's never smoked; isn't that

6 true?

7 A Still about 40 to 50 percent higher.

8 Q Now, Doctor, if Richard Rogers had quit smoking

9 in 1969, he would have avoided over 95 percent

10 of his risk for lung cancer as a result of

11 smoking; isn't that correct?

12 A I can't swear to 95 percent, but the risk would

13 drop considerably.

14 Q Isn't it your opinion, Doctor, that if

15 Mr. Rogers had quit smoking in 1969, it is more

16 probable than not that he would not have had

17 lung cancer; isn't that your opinion?

18 A No. The risk, again, lowers, but there is

19 considerable -- the percentage of patients who

20 get it, the risk is still 50 percent higher. I

21 don't know the court of law as to how that

22 definition would apply. In terms of in a court

23 of law. He still suffers a risk as a patient

1       having lung cancer.

2       Q   Doctor, do you recall when I took your  
3       deposition back in October, at that time you  
4       had reviewed the medical records that you  
5       reviewed for this case, hadn't you?

6       A   Yes.

7       Q   You reviewed Mr. Rogers' smoking history and  
8       his medical records, did you not?

9       A   I did.

10      Q   And you also had the chance to review whatever  
11      materials Mr. Klapper had given you about  
12      smoking and lung cancer; isn't that true?

13      A   Yes.

14      Q   You haven't reviewed the epidemiology studies,  
15      per se, that these declining statistics are  
16      based on, but you did review articles that  
17      reviewed reviews of those studies; is that  
18      correct?

19      A   Correct.

20      Q   Now, let me refer you to page 187. Let me ask  
21      you, Doctor, if I asked you the following  
22      questions and you gave the following answers at  
23      that time. And this time you were under oath;

1 right?

2 A Yes.

3 Q "Dick Rogers, let's use him as an example. If  
4 he had quit smoking in 1969 or 1970, in eight  
5 or ten years he would have avoided more than 95  
6 percent of his risk for smoking related lung  
7 cancer; isn't that true?" Your answer: "Yes."

8 Is that a correct statement at that time?

9 A Yes. All I said differently today was I can't  
10 swear to the 95 percent. The greatest portion  
11 of his risk would clearly be diminished.

12 Q "And in your opinion," was the next question,  
13 "more probably than not, he would not have  
14 developed lung cancer in that case; isn't that  
15 true?" Your answer: "Okay, yes." Do you  
16 recall that?

17 A I do now.

18 Q That was your testimony back in October of  
19 1994, wasn't it?

20 A Uh-huh.

21 Q That was true testimony at that time, wasn't  
22 it?

23 A It's true now.



1 Q And it's true now.

2 MR. SHEFFLER: Thank you, Doctor.

3 Let me just confer with my co-counsel for a  
4 second.

5 Doctor, I have no further questions.

6 Thank you very much.

7 THE COURT: Further cross exam?

8 MR. HARDY: No, your Honor.

9 MR. McELVEEN: No, your Honor.

10 MR. KEARNEY: No, sir.

11 THE COURT: Thank you. Redirect?

12 REDIRECT EXAMINATION,

13 QUESTIONS BY MR. MORRIS L. KLAPPER:

14 Q Dr. Sandler, is it necessary to understand each  
15 molecular change within each lung cell to  
16 conclude that smoking in fact does cause lung  
17 cancer?

18 A Although light has been made of merely  
19 epidemiologic data, I think virtually any  
20 practicing physician, be it academics or in  
21 private practice, would state unequivocally  
22 that there is enough data present now to state  
23 that tobacco causes lung cancer. And I don't

1 think that as a clinician or scientist, that  
2 our ignorance of that takes away from the  
3 strength or power of the fact that tobacco  
4 causes lung cancer.

5 Q Dr. Sandler, even if -- I'm trying to  
6 understand what Mr. Sheffler asked you. Even  
7 if he had quit in 1969, what effect would that  
8 have on his continuing chances of developing  
9 lung cancer, approximating?

10 A Again, the risk dramatically decreases. The  
11 risk always remains about 40 to 50 percent  
12 higher than someone who has never smoked  
13 before.

14 Q Okay. And are a number of those carcinogens,  
15 those cancer-producing matter that were spoken  
16 of on cross-examination, are any of them  
17 contained in cigarette smoke?

18 A Yes.

19 Q Lots?

20 A Several.

21 MR. KLAPPER: Thank you. No  
22 further questions.

23 THE COURT: Recross?

1           MR. SHEFFLER: No further  
2 questions, your Honor.

3           THE COURT: Any further  
4 cross-examination by the defendants?

5           MR. HARDY: No, your Honor.

6           THE COURT: Thank you, Doctor.  
7 You may step down.

8           Plaintiff's next witness, please.

9           MR. WARREN HOLLAND: At this  
10 time, plaintiffs would want to read portions of  
11 the deposition of Mr. Robert Heimann.

12           MR. SHEFFLER: Your Honor, may we  
13 see you at side bar on this, please?

14           THE COURT: Yes.

15           (The following bench conference was  
16 conducted out of the hearing of the jury.)

17           MR. SHEFFLER: Your Honor, there  
18 was a 48-hour rule instituted in the case where  
19 plaintiff was supposed to tell us what exhibits  
20 or what testimony he was going to offer 48  
21 hours in advance.

22           We've never been told that Dr. Heimann was  
23 going to be a witness or that his testimony was

1 going to be used 48 hours in advance of today.

2 I don't have the testimony with me.

3 There are a number of objections that I'm  
4 sure we're going to want to make. There is  
5 also a bench memo with respect to portions of  
6 the testimony in this case.

7 For your Honor's background, this  
8 testimony was taken in another case that  
9 involved allegations of fraud and allegations  
10 of misrepresentation. Quite a bit of testimony  
11 has been designated, I believe, that deals with  
12 issues that are not in this case and I think we  
13 need to have rulings on that.

14 Additionally, your Honor, there's material  
15 that we need to counter-designate, and I don't  
16 have that transcript with me. I did not know  
17 he was going to be called today.

18 THE COURT: I suppose part of the  
19 problem was I just made the ruling yesterday  
20 afternoon, so I'm part of the problem in that  
21 regard.

22 Yes?

23 MR. SHEFFLER: If I may suggest,

1     your Honor, what I would propose is that we get  
2     you our -- advocate counsel, maybe we can  
3     agree, but to the extent we can't, we get you  
4     our designations, our counter-designations, our  
5     objections, perhaps we can even do it on Monday  
6     afternoon. I don't think it's proper to do it  
7     today, given the fact that we weren't given  
8     advance notice. I don't have the transcript.  
9     I haven't really prepared for it, your Honor.

10           MR. WARREN HOLLAND: As the Court  
11     has already indicated, I mean how can we give  
12     advance notice when we didn't know we were  
13     going to use it. I don't care if we do it now  
14     if the Court --

15           THE COURT: He didn't say you  
16     were a bad guy, we ought to thrash you in front  
17     of the jury. That's why I volunteered that  
18     there was an objection to the entire deposition  
19     of this fellow, of the entire thing, and it  
20     wasn't until yesterday afternoon that I made a  
21     ruling on it. And until yesterday afternoon it  
22     wasn't proper to refer to it at all.

23           So, is there something else? Can we

1 defer --

2 MR. MICHAEL HOLLAND: We have the  
3 documents that we can do.

4 THE COURT: Okay. Have you had a  
5 chance to show those to anybody? I guess the  
6 person that needs to see them is me since it's  
7 my ruling.

8 Okay. We've got these and we can do that  
9 now, we can put off the Heimann deposition.

10 What else did you have planned for today?

11 MR. MICHAEL HOLLAND: More  
12 documents.

13 THE COURT: All right, yes.

14 MR. MICHAEL HOLLAND: So much  
15 fun.

16 THE COURT: It's fun for me.

17 Okay, are there any live witnesses today?

18 MR. WARREN HOLLAND: No. We've  
19 got -- I don't know, we faxed them last night  
20 designations of Richard Rogers' discovery  
21 deposition and depending on their position on  
22 that, we could do that, too, and there are some  
23 fairly lengthy portions of that.

1           MR. OHLEMEYER: I would like to  
2 speak to that before we get to that point.

3           THE COURT: Speak to what?

4           MR. OHLEMEYER: The discovery  
5 deposition of Mr. Rogers was designated by the  
6 defendants, portions of it, in accordance with  
7 your pretrial order a few weeks ago.

8           There were some counter-designations that  
9 were given to us a week or so ago that appeared  
10 to be rule of completeness kind of things,  
11 counter-designations to our designations.

12          Last night at nine o'clock for the first  
13 time I got page and line designations from  
14 Mr. Klapper of the discovery deposition,  
15 including matters that had not previously been  
16 designated by the defendants and not previously  
17 designated by the plaintiff and don't appear --  
18 appear to be objectionable, in any event.

19          My suggestion on the discovery deposition  
20 is that when the defendants designate portions  
21 of it to be read in the defense case, that we  
22 take the counter-designations and the  
23 objections and everything else up at that time.

1 And at that point it would be timely and  
2 appropriate, rather than having to deal with  
3 three pages of deposition designations that I  
4 got last night at 9 p.m.

5 THE COURT: Is that part of what  
6 you plan to do today, too?

7 MR. WARREN HOLLAND: Yes, your  
8 Honor.

9 THE COURT: Who has this  
10 deposition?

11 MR. WARREN HOLLAND: Which one?

12 THE COURT: I'm sorry, you're  
13 right. The Richard Rogers deposition.

14 MR. WARREN HOLLAND: It's at our  
15 office, we were making copies. We should have  
16 one by noon that will be marked up that I can  
17 give the Court also.

18 MR. OHLEMEYER: The problem is,  
19 your Honor, I haven't had a chance -- I got  
20 these designations last night at nine o'clock.

21 MR. WARREN HOLLAND: We're giving  
22 them a marked up copy, too.

23 THE COURT: Let's see, gee,



1       that's 14 hours ago. Sure, I understand.

2               MR. OHLEMEYER: I just think the  
3       easiest way to deal with this issue is take it  
4       up in our case as counter-designations to what  
5       we have previously and properly designated.

6               MR. WARREN HOLLAND: That's not  
7       the fact, your Honor.

8               THE COURT: You're wanting to do  
9       this now, though. You're saying that --

10              MR. MICHAEL HOLLAND: In our  
11       case.

12              MR. WARREN HOLLAND: In our case.

13              THE COURT: Well, okay. Let's  
14       take a step back. Let's do the exhibits that  
15       were offered into evidence last night, admitted  
16       into evidence with redactions.

17              Could we do this: How about if we take a  
18       recess, I need probably about ten minutes just  
19       to run through these and to take a look at the  
20       redacted copies, because my order of admission  
21       was subject to the redacting of certain  
22       evidence, certain matters from these.

23              I guess the next question is how you

1 wanted to offer these into evidence. Is there  
2 a way that you want to do it? Did you want to  
3 do it in front of the jury, did you --

4 MR. WARREN HOLLAND: I think we  
5 ought to do it in front of the jury, just offer  
6 them and then pass them at the break.

7 THE COURT: How about the ones  
8 that were not admitted?

9 MR. WARREN HOLLAND: As to how  
10 we --

11 MR. MICHAEL HOLLAND: Our offer  
12 was on the record last night, wasn't it?

13 THE COURT: I think you're right.

14 MR. OHLEMEYER: The record is  
15 clear on that, your Honor.

16 THE COURT: Okay. Well, let's  
17 take a -- I was trying to see if I can figure  
18 out some way to avoid bringing the jury in and  
19 out, but I can't. Because what they need to  
20 hear, I guess, before they're permitted to read  
21 the documents is the offer was like 37 through  
22 54, roughly. I guess they need to hear, then,  
23 the Court sustains objections to these

1 documents and not to these before they can be  
2 given the documents.

3 So, we can do that in about 15 minutes and  
4 then we can break and give them some time to  
5 review the documents in the jury room during  
6 the lunch hour, we can simply expand the lunch  
7 hour, and during the lunch hour we need to sort  
8 of plan out what it is we're going to do for  
9 the rest of the day and how best to spend this  
10 day.

11 For right now, let's take about a  
12 15-minute recess. Let me go over the redacted  
13 documents, we'll bring the jury back in --

14 MR. WAGNER: Judge, while we're  
15 up here, at least for planning purposes, is the  
16 plaintiff's case kind of winding down, are we  
17 going to have to start thinking about putting  
18 our evidence on pretty soon?

19 MR. WARREN HOLLAND: Yeah, you  
20 should plan to --

21 MR. WAGNER: Are you going to  
22 rest today?

23 MR. WARREN HOLLAND: No, we will

1 not finish today, but you should have somebody  
2 available I would think Tuesday afternoon,  
3 would be my guess.

4 THE COURT: Bill was suggesting,  
5 and we'll keep open again, Monday was a day for  
6 me to catch my breath and to deal with matters  
7 here, so Bill was suggesting that some of the  
8 matters -- was it the Heimann deposition or  
9 maybe the Rogers' discovery -- or Bruce was  
10 suggesting one of the depositions, we even take  
11 that up as late as Monday.

12 MR. WARREN HOLLAND: I don't mean  
13 to interrupt. If at all possible, we would  
14 like to avoid that because -- obviously we're  
15 outmanned and they have people coming out the  
16 ears that can do these things, but we have  
17 things to get ready for their case. If at all  
18 possible, we'd rather do it, you know, if it's  
19 convenient to the Court, but Monday is really  
20 the day we plan to keep working on the case and  
21 other things we've got to do. I would  
22 certainly prefer not to have it Monday, is  
23 that's possible, but if it's not --

1 THE COURT: Okay, well, I'll try.

2 MR. WARREN HOLLAND: Whatever the  
3 Court desires.

4 THE COURT: I hear what you are  
5 saying. We'll try to do that. The problem is  
6 that the Heimann deposition ruling came late,  
7 and so it sticks people like Bruce over here  
8 with no deposition -- or opportunity to do  
9 that.

10 This afternoon you've got a number of  
11 documents we're going to go through?

12 MR. WARREN HOLLAND: We've got  
13 other documents.

14 THE COURT: Can you give me a  
15 ball park how many, 14,000, 750?

16 MR. MICHAEL HOLLAND: I would say  
17 50.

18 THE COURT: Fifty? Fifty.

19 MR. WAGNER: We'll probably have  
20 some objections.

21 THE COURT: You going to stay in  
22 Marion County for a long time? I'm just  
23 teasing.

1           Okay. Let's take a 15-minute break now.

2           Let's take care of these documents, get them in  
3           their hands. We'll give them -- well, maybe if  
4           that's the case, then, I'm not sure they need  
5           to come back from lunch, do you?

6           MR. SHEFFLER: No.

7           MR. WARREN HOLLAND: Probably  
8           true, if we're not going to do --

9           THE COURT: Because the  
10          deposition you wanted is Heimann and Rogers and  
11          we need some time to go through those and then  
12          the 50 documents.

13          Okay. Let's take a 15-minute break now.

14          MR. OHLEMEYER: One more quick  
15          question, your Honor. The procedure for  
16          publishing these, how will I make my Rule 106  
17          suggestion and at what point do I need to --  
18          are we just going to pass these to the jury or  
19          give them to the jury or read them to them?

20          THE COURT: What is your 106  
21          suggestions? Remind me what 106 is.

22          MR. OHLEMEYER: The rule of  
23          completeness. For example, on the one I'm

1 looking at here, you know, I think in all  
2 fairness that the jury should know that this is  
3 page 25 of this document. I would like a  
4 chance to either read that or put the page  
5 number on there or something like that.

6 The rest of them I don't know. If we're  
7 going to give them to the jury in their full  
8 form, I don't have a problem.

9 THE COURT: We're not going to  
10 give the jury this full form.

11 MR. OHLEMEYER: Correct. So  
12 under Rule 106, I want the jury to understand  
13 that this is page 25 of this document.

14 MR. WARREN HOLLAND: Your Honor,  
15 one thing we might do, too, is -- I mean we're  
16 not offering the whole document, so I have no  
17 problem saying this is one page. I am not  
18 representing it's an entire document. The  
19 short ones we could actually read to the jury  
20 and then pass, so that makes a little more  
21 sense, I guess. I'm not talking about anything  
22 over a page.

23 THE COURT: Let's take a recess,

1       because I don't have any problem with that  
2       either. As a matter of fact, my suggestion  
3       last night was to put like dotted lines or some  
4       way we can do it to define -- if you're citing  
5       something and you're finding less than the full  
6       text, how you cite that, something like that,  
7       but obviously we can do it some way that  
8       conveys that and that's appropriate, certainly,  
9       on a partial.

10       Let's take a 15-minute recess now and  
11       clean this up and go from there.

12       (Conclusion of bench conference.)

13       THE COURT: Before breaking for  
14       the lunch hour, there are certain documents  
15       that the Court has made rulings on as a result  
16       of the proceedings that occurred relative to  
17       the admission of documents, and you recall that  
18       the admission of documents and whether or not  
19       evidence is admissible or not is strictly  
20       controlled by rules of law and that's why my  
21       part in this proceeding is to do that, and  
22       we've done that.

23       What I plan to do is to take about a 10-



1 or 15-minute recess now, finalize those  
2 documents that are to be admitted into evidence  
3 as a result of the proceedings yesterday  
4 afternoon, and then bring you back into court  
5 and then we'll put those on the record and give  
6 those to you and then by that time, also, we'll  
7 have a plan for the rest of the day.

8 But before we break for lunch, I do want  
9 to put into your hands those documents that  
10 were admitted into evidence.

11 With that, the jury may rise, you may  
12 retire. We'll be in recess about 15 minutes.

13 (The trial proceedings recessed at 11:15  
14 a.m., to reconvene at 11:33 a.m.)

15 (The following proceedings were conducted  
16 out of the presence of the jury.)

17 THE COURT: What I understand  
18 that we're going to do is bring the jury in,  
19 and I suppose I'll simply recite to them that  
20 at the close of business yesterday, plaintiffs  
21 had offered Exhibits 37 through 52 and that the  
22 Court had sustained objections to certain of  
23 the documents and had overruled the objections

1 to others, and that the Court has ruled that  
2 certain documents are admissible into evidence,  
3 and those documents are Plaintiff's 37, 43, and  
4 read a couple numbers and then give them copies  
5 of those documents, then recess for their  
6 purposes for the day.

7 We can take a break for lunch, come back  
8 and then work on -- plaintiff indicates they  
9 have about 50 documents and we can see if we  
10 can get through those and the depositions of  
11 Mr. Heimann and Dr. -- and Mr. Rogers.

12 Yes, sir.

13 MR. OHLEMEYER: I think, your  
14 Honor, it was actually through 54, 38 through  
15 54, with 52 being --

16 THE COURT: Was it 54? You're  
17 exactly right. Yes, thank you. You're exactly  
18 right.

19 The reason I reviewed all my rulings at  
20 the end of the thing yesterday was so I could  
21 have it for this morning on the screen, but I  
22 can't write to the file and review the file at  
23 the same time, so whatever file I have on my

1 screen, the current writing goes to that file.

2 You're exactly right, I stand corrected,  
3 37 through 54.

4 Is my understanding of how we're  
5 proceeding consistent with everyone else's  
6 understanding of what we're doing?

7 MR. OHLEMEYER: Correct, your  
8 Honor.

9 THE COURT: Okay. I want them to  
10 have an opportunity, I'm going to tell them to  
11 take a look at the documents, they're being  
12 offered now, and if they were to stay in the  
13 courtroom, we would sit here and watch them  
14 review the documents when they're distributed  
15 to them.

16 So whoever wants to go to lunch certainly  
17 is invited to do that. After they've had an  
18 opportunity to review the exhibits, though, if  
19 they want to go and they don't want to do that  
20 or they want to go back to work, whatever they  
21 want to do, they're free to do that.

22 (The jury was escorted into the courtroom  
23 at 11:35 a.m.)

1           THE COURT: The jury may be  
2   seated.

3           If you'll recall, at the adjournment hour  
4   yesterday, at least adjournment hour for you  
5   before we recessed and excused you, that there  
6   was offered into evidence Exhibits No. 37  
7   through No. 54, and that yesterday afternoon  
8   the Court considered those documents and heard  
9   oral arguments from counsel as to the legal  
10   arguments about admissibility or exclusion of  
11   those documents.

12          The Court has ruled that the following  
13   documents are admitted into evidence in this  
14   cause.

15          For the record, those exhibits are  
16   Plaintiff's Exhibits No. 37 -- I'm sorry,  
17   Exhibit No. 37, Exhibit No. 43, Exhibit No. 45,  
18   Exhibit No. 47, Exhibit No. 49, Exhibit No. 50,  
19   Exhibit No. 51.

20          I'm assuming you've got copies of those?

21               MR. MICHAEL HOLLAND: Yes, we do.

22               THE COURT: Let's handle it this  
23   way. In reviewing the order of business with

1 counsel, there are some other matters relating  
2 to depositions and relating to the admission of  
3 another set of documents that we need to take  
4 up.

5 Because we're talking about rules of law,  
6 our rules require us to take those matters up  
7 outside your hearing since it is all rules of  
8 law. And so today we're going to recess in  
9 just a few moments, and during this next  
10 recess, Shelly, who is the jury bailiff today,  
11 will be given copies of the documents that I  
12 have just ruled that are admissible into  
13 evidence, and she will bring those to you in  
14 the jury room.

15 I want you to spend some time as you think  
16 appropriate or necessary to review the  
17 documents prior to going to lunch.

18 Normally, the normal process for this in  
19 handling documentary evidence in front of  
20 juries is to distribute the documents in court  
21 in the seat where you are now and then give you  
22 an opportunity to examine them as you sit there  
23 in your seat.

1 I don't know how many pages we're talking  
2 about in the documents we've got here, but I  
3 would guess it's, I don't know, 40, 50, 60  
4 pages, and so rather than sit here and watch  
5 you look at these documents for the next  
6 whatever time seems to me not a very effective  
7 use of our time.

8 So we're going to do it a little  
9 differently in that we're going to recess and  
10 then while you're in the jury room and that way  
11 while you're drinking coffee or can get more  
12 comfortable, you can have the opportunity to  
13 review the documents.

14 Recall your preliminary instructions that  
15 normally I would admonish you that when  
16 exhibits would be given to you, that you're to  
17 examine the exhibits when they're distributed  
18 to you without discussion. Obviously, that  
19 admonition holds true now and through every  
20 document or piece of evidence or document that  
21 are given to you for your review and inclusion  
22 in your jury notebook.

23 So, we are going to do that, we're going

1       to take a recess, let you do that. Shelly will  
2       distribute the exhibits to you. Take, again,  
3       whatever time is necessary for you to review  
4       the documents. When you've all had some time  
5       to do that, then Shelly will escort you to  
6       lunch, and because, in my estimation, we will  
7       consume the remainder of the afternoon again  
8       with a discussion of documents and other  
9       matters that concern rules of evidence, the  
10      Court and counsel, and so after lunch you'll be  
11      free to go about your business, whatever you  
12      want to do, and spend the rest of the  
13      afternoon.

14       Because you're being allowed to separate,  
15      I'm required to remind you of your admonition  
16      not to discuss this case among yourselves or  
17      permit it to be discussed with you by anyone.  
18      Continue to avoid and protect yourself from  
19      exposure to media accounts of this trial or  
20      issues that are related in this case.

21       And with that, the jury may rise, you may  
22      retire. We'll be in recess until 9 a.m.  
23      Tuesday morning. Have a great weekend.

1 (The jury was excused at 11:40 a.m.)

2 MR. WAGNER: I have a thought or  
3 suggestion, probably a bad idea, but as your  
4 Honor now knows, the plaintiffs have served  
5 upon us a brand new designation of testimony of  
6 Richard Rogers' deposition that they want to  
7 read in. It came in to us last night via fax  
8 at around 8:47 p.m.

9 It contains a very extensive designation  
10 of testimony from the discovery deposition of  
11 Richard Rogers the plaintiffs want to use in  
12 their case in chief. A great deal of that  
13 information has never been designated by  
14 anybody in this case at any time.

15 But more to the point, your Honor entered  
16 a pretrial order which required the parties to  
17 designate portions of depositions to be offered  
18 on or before January 17, 1995.

19 Here we are in the middle of the trial and  
20 we've got a multiple page designation of  
21 numerous parts of Richard Rogers' deposition.

22 So my suggestion is, your Honor, that,  
23 first of all, the defendants are objecting to



1       these designations because they contravene your  
2       Honor's pretrial order, they obviously are out  
3       of time, they're not timely. And before we  
4       spend hours trying to analyze this testimony,  
5       formulating objections, the suggestion is that  
6       your Honor rule upon our objection to the fact  
7       that these are not filed in time. Then if  
8       they're knocked out, of course, then that moots  
9       the rest of the objections that we may have to  
10      this testimony.

11               MR. WARREN HOLLAND: Your Honor,  
12      as he said, it wasn't a good idea.

13               MR. MICHAEL HOLLAND: When we  
14      made our initial designation, we indicated  
15      that --

16               THE COURT: Let me suggest this.  
17      There's an objection as to plaintiff's  
18      designation for timeliness. I'm as concerned  
19      about why it's coming in the middle of trial as  
20      you are. After lunch I will expect a complete  
21      explanation from the plaintiffs about why it's  
22      coming late, and I assume I'll get that.

23               Let's just go ahead and take it up after

1 lunch.

2 MR. WAGNER: Thank you, Judge.

3 THE COURT: I would like to see

4 you back at one o'clock. Let's resume at one

5 o'clock and we'll take up that matter of

6 timeliness and other matters.

7 (The trial proceedings recessed at 11:44

8 a.m., to reconvene at 1:00 p.m.)

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